

Judith Hendryx

From: "Judith Hendryx" <judith.hendryx@colostate.edu>
To: "Justin Derner" <Justin.Derner@ars.usda.gov>
Sent: Thursday, April 06, 2006 12:48 PM
Subject: Re: biomass data from 7SW and 24SW

Hi, Justin,

Attached is biomass data for 2005 for GZTX Site 7 GG NPP. There are a few small problems in the data. It would involve a small amount of additional sorting to solve a couple of them, so please let me know if you would like me to get those samples ready for you to take to Mary and Jeff.

In the attached file I have numbered the plots 1 - 11. When the samples arrived from the field, they didn't have plot #'s, only (x,y) coordinates. This wouldn't have helped to create a problem, except that the field crew wrote the exact same (x,y) coordinates for the Util plots as for the NPP plots. Usually, there is a difference of 4 meters on the Y coordinate, which makes it easier to distinguish between the NPP and the Util plots. For Plot 4 I added a Note that I accidentally sent the GG Util plot "Litter" sample out to Mary and Jeff to sort, because the "(x,y)" were the same and I didn't notice the "Util" on the bag. That means that we sorted the "Litter" here and didn't break it down to the species level. That still needs to be done in order for you folks to use the data.

Also, Plots 5 and 10 have the same (x,y) coordinates, which makes it look like the same plot was sampled twice. I don't know what really happened here, but a couple of suggestions have been made. The first idea is that the crew did not remove the flag from the plot after clipping for biomass, so someone saw the flag and clipped the plot again in a slightly different place. The second idea is that perhaps the crew had to leave the field in a hurry because of a storm, and so the plot was only partially clipped when they left and finished when they returned. No one really knows what the story is here, so I guess it's up to you to decide if you want to use the data for these plots. If you do want to use the data, then the litter for plot 10 needs to be sorted on a species level.

Finally, because the same plot (41, 47) was clipped twice, there was an 11th plot (31,47) for the GG NPP treatment at site 7. I thought I had all the plots for you when I gave the samples to you to bring to Mary and Jeff, so this plot bag of samples wasn't taken into account. I didn't have a listing of the plots, only the sample bags to go from; usually there is a plot list with numbered plots and their matching coordinates. That means that we sorted the Standing dead samples for the 11th plot here on a Forb/Grass/Shrub basis, so you folks would have to re-sort them on a species basis to use the data.

I'm sorry that there are still some problems with these samples. Because there was no written plot list for us to use this year, the problems didn't show up until after all the biomass data was entered (which took quite a long time, because of all the sorting we had to do this year). Nicole had made a plot list for the field crew for this experiment, but for some reason we don't know they chose new plots to sample.

I will send the data for 24 SW in a separate e-mail.

Thanks, Justin!
 Judy

----- Original Message -----

From: Justin Derner
To: 'Judith Hendryx'
Sent: Thursday, April 06, 2006 10:38 AM
Subject: RE: biomass data from 7SW and 24SW

Judy,

Thanks for you help here. No big rush on the 2005 data. Regarding the LT-NPP clipping on Ridge in section

4/6/2006

24, yes the same data as in 2004.

Justin

Justin Derner
Rangeland Scientist
USDA-ARS
High Plains Grasslands Research Station
8408 Hildreth Road
Cheyenne, WY 82009
phone: 307-772-2433 ext.113
FAX: 307-637-6124
Justin.Derner@ars.usda.gov

From: Judith Hendryx [<mailto:judith.hendryx@colostate.edu>]
Sent: Thursday, April 06, 2006 9:03 AM
To: Justin Derner
Subject: Re: biomass data from 7SW and 24SW

Hi, Justin,

I am working on this to make sure that all the data makes as much sense as possible before sending it out to you. I have run into a "duplicate plot" in 7SW that I didn't notice before, but that has become obvious after sorting the data entry file. As soon as I do a little research on this, I will get the data on 7SW sent out to you.

Also, I thought that the only data you needed from the GZTX-NPP study was from site 7. We didn't send any samples from 24 out to Mary and Jeff for sorting last fall. In 2004 we had shared data from the LT-NPP clipping from the Ridge top in sec 24 with you folks. Could that be what you also need for 2005? If so, those samples don't require any sorting, and I can get numbers for those to you.

Thanks,
Judy

----- Original Message -----

From: Justin Derner
To: 'Judith Hendryx'
Cc: 'Dan Milchunas'
Sent: Tuesday, April 04, 2006 10:02 AM
Subject: biomass data from 7SW and 24SW

Judy,

Trying to get caught up here with regards to data for Nicole. Could you please send me the 'correct' weights from the 7SW plots (GZTX study GG plots), and from 24SW (NPP plots I think)? These are a part of the control pastures for the plover grazing study. These plots were the ones in which we had problems with standing dead, etc., and Mary/Jeff sorted out last fall.

Thanks in advance.

Sincerely,

Justin

Justin Derner
Rangeland Scientist
USDA-ARS
High Plains Grasslands Research Station
8408 Hildreth Road

4/6/2006

Cheyenne, WY 82009
phone: 307-772-2433 ext.113
FAX: 307-637-6124
Justin.Derner@ars.usda.gov

4/6/2006

OPPO = CACTUS

Lter Gztx-NPP Biomass Data for 2005

Page 1 of 10

Date	(Site) Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (Grams)	Notes
80305	7	GG		10	25	NPP	SPCO	1.49	
							S. Dead	1.00	..
							LEDE	0.20	
							VUOC	1.21	
							STCO	2.88	
						SAB	SIAB	0.40	
							ARLO	2.01	
							BOGR	8.72	
80305	7	GG		37	5	NPP	STCO	2.09	check species (really)
							CAHE	8.39	SPCR
							LITT	0.76	..
							SPCR	3.05	check species
							BOGR	16.68	0.96
							ARLO	0.26	2.09
80305	7	GG		37	5	UTL	LEDE	0.08	
							CAHE	0.94	
							CHVI	0.25	C. villosa
							SPCO	0.38	
							LITT	0.28	0.04g grass
							BOGR	9.12	
80305	7	GG		55	54	NPP	ARFR	14.40	
							VUOC	1.58	
							CAHE	2.14	
							STCO	0.70	
							EREF	3.78	
							SPCR	3.25	..
							SDEAD	0.51	
							CRME	0.71	
							BOGR	4.91	
80305	7	GG		55	54	UTIL	CAHE	2.90	
							VUOC	0.75	
							CRME	2.11	
							SDEAD	0.13	grass
							BOGR	3.33	
80305	7	UG		47	50	UTIL			3 OPPO CLADS W/IN PLT
							CAHE	2.79	
							SPCR	0.97	
							VUOC	0.49	
							SPCO	1.09	
							BOGR	12.20	
80305	7	GG		28	36	UTIL	DEAL	1.16	
							SPCO	2.00	
							BOGR	12.92	
80305	7	UG		47	50	NPP	SIHY	0.75	
							STCO	1.85	
							VUOC	0.86	
							CHLE	6.69	
							SPCO	0.47	

GG - Grazed - Grazed
GU - Grazed - Ungrazed
UG - Ungrazed - Grazed
UU - Ungrazed - Ungrazed

RU - Rodent Ungrazed

Grazed treatments have "util" NPP
NPP - Non-util

47
14
33

cont

find
4/4/05

Date	Location	Treatment	Plot	X	Y	Util or Non-Util	Species	Weight (Grams)	Notes
80305	7	UG		47	50	NPP	CAHE	0.95	
							BOGR	25.06	
80305	7	GG		13	1	UTIL	LEDE	0.33	
							SPCO	1.19	
							ARLO	0.58	
							MILI	0.64	
							CAHE	0.19	
							SPCR	3.62	
							LITT	0.73	
							BOGR	6.97	
80305	7	GG		13	1	NPP	SAIB	0.57	
							SPCO	0.08	
							STCO	5.56	
							ARLO	1.16	
							VUOL	0.21	
							LITT	0.76	0.37g grass
							BOGR	6.29	
80305	7	GG		28	36	NPP	SPCR	5.75	
							SIHY	4.84	
							CAHE	3.21	
							ARLO	6.54	
80305	7	GG		10	25	UTIL	SIAB	0.47	
							SIHY	3.59	
							LEDE	0.70	
							CRME	5.55	
							SPCO	1.98	
							VUOL	1.42	
							S.DEAD	0.17	0.13g grass
							STCO	2.90	
							BOGR	6.09	
80305	7	RU		5	3	NPP	BOGR	4.71	
							STCO	13.45	
							SPCR	1.01	
							VUOL	1.36	
							CAHE	0.62	
							SPCO	0.89	
80305	7	RU		2	22	NPP			3 OPPD CLADS w/in plot
							CHVI	23.25	C. villosa
							STCO	6.71	
							MATA	2.22	
							BOGR	10.96	
							DEAL	0.35	
							IPLA	0.15	
							CAHE	0.61	
							EREF	9.91	
							VUOL	0.45	
							SPCO	2.38	

91
44
835

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80305	7	RU		18	18	NPP	CAHE	0.68	
							SPCO	0.66	
							STCO	8.67	
							BOGR	10.24	
							VUOC	7.02	
80305	7	RU		1	16	NPP	STCO	19.11	
							MATA	2.02	
							BOGR	3.18	
							SPCO	3.14	
							EREF	8.99	
							VUOC	3.43	
							CAHE	0.72	
80305	7	RU		27	14	NPP			16 OPPD CLADS
							STCO	35.91	
							SPCO	0.86	
							BOGR	6.14	
							VUOC	0.51	
							SPCR	0.19	
80305	7	RU		25	27	NPP	STCO	25.72	
							VUOC	0.25	
							BOGR	5.91	
80305	7	RU		29	5	NPP	STCO	34.65	
							SPCR	6.37	
							BOGR	5.61	
							ARLO	1.36	
							SPCO	1.20	
							SIHY	0.61	
							EREF	3.11	
80305	7	RU		18	9	NPP	EREF	4.68	
							BOGR	2.51	
							SPCR	10.44	
							STCO	2.29	
							SPCO	1.13	
							CAHE	0.13	
							VUOC	0.86	
80305	7	RU		12	10	NPP			21 OPPD CLADS
							BOGR	10.30	
							SPCO	1.93	
							ARLO	0.84	
							VUOC	1.05	
							CAHE	0.10	
							EREF	4.10	
80305	7	RU		25	10	NPP			41 OPPD CLADS
							BOGR	7.98	
							STCO	4.66	
							VUOC	0.64	
							ARLO	0.16	
							EREF	2.63	

GG = Previously Grazed/Currently Grazed
 GU = Previously Grazed/Currently Ungrazed
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 RU = Rodent Ungrazed

Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

1-35
46
8-1

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80305	7	RU		25	10	NPP	SPCO	0.66	
80305	7	GG		41	47	UTIL	SDEAD		0.30g grass 0.28g forb
							SPCR	0.48	
							VUOC	0.12	
							LEDE	0.10	
							BOGR	3.59	
							CAHE	3.29	
80305	7	GG		41	47	NPP	SPCR	9.32	(SDEAD SET ASIDE)
							BOGR	7.47	0.47g grass 0.03g forb
							VUOL	0.34	1.07g grass (2nd bag)
							SIHY	7.01	
80305	7	GG		8	13	UTIL	BOGR	5.61	
							PLPA	0.05	trace
							SPCU	1.76	
							LITT		0.67g grass, 0.30g forb
							ARLO	0.91	
80305	7	GG		8	13	NPP	VUOC	0.53	
							BOGR	7.23	
							SPCO	2.18	
							VUOC	0.98	
							ARLO	0.44	
							LITT		set aside ..
80305	7	GG		44	26	NPP	SAIB	4.78	
							ARLO	2.98	
							SDEAD		set aside ..
							VUOC	0.46	
							SPCO	0.25	
							CIAR	9.27	
80305	7	GG		47	39	UTIL	BOGR	12.45	
							CAHE	2.24	
							SDEAD		0.54g grass
							BOGR	6.58	
							DSTE	0.73	
							SPCO	1.33	
							VUOC	0.05	
							CHAL	0.17	
80305	7	GG		44	26	UTIL	MATA	0.33	
							BOGR	7.32	
							PLOD	5.62	
							PLPA	0.05	
							CHLE	0.67	
							SDEAD	0.55g	grass, 0.28g forb
							SDEAD	0.29g	grass, 0.16g forb
80305	7	GG		47	39	NPP	SPCO	1.28	
							CAHE	4.97	
							BOGR	7.23	
							S. DEAD		set aside ..
							SAIB	1.58	

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80305	7	GG		47	39	NPP	AGSM	4.20	
							SPLO	1.05	
							SPCR	0.41	
80305	7	UG		4	14	NPP	S DEAD		0.86g grass
							BOGR	19.04	
							SPCO	2.35	
							SIAB	0.31	
							VUOC	0.36	
							PLPA	0.08	
							CAHE	0.20	
80205	7	UG		24	47	UTIL	STCO	4.24	
							CHAL	1.65	
							VUOC	0.52	
							SPCO	1.29	
							BOGR	0.99	
							LITT		0.43g grass
							CRME	0.92	
80305	7	UG		4	14	UTIL	S DEAD		0.57g grass, 0.01g Forb
							ARFR	7.00	Accidentally ground w/ Forb
							SPCO	0.19	
							BOGR	4.76	
							CAHE	0.67	
							CHAL	0.44	
							VUOC	0.72	
80305	7	UG		16	13	UTIL	S DEAD		0.33g grass
							BOGR	6.64	
							CAHE	0.14	
							SPCO	0.25	
							CHLE	0.27	
							VUOC	0.47	
							SPCR	0.89	
80205	7	UG		29	7	NPP	SIAB	9.28	
							S DEAD		0.21g grass
							LEDE	0.08	
							BOGR	5.65	Addin GUSA
							VUOC	0.30	1.06g
							SPCO	3.88	
							CAHE	1.50	
80205	7	UG		39	43	NPP	BOGR	6.02	
							S DEAD		0.64g grass 0.14g Forb
							CAHE	1.95	
							PLPA	0.60	
							SPCR	2.20	
							CRME	0.48	
80205	7	UG		29	7	UTIL	BOGR	9.34	
							S DEAD		0.07g grass
							OPPG	0.75	

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46

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6

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80205	7	UG		29	7	UTIL	CAHE	3.11	
							SPOC	2.89	
80205	7	UG		24	47	NPP	BOGR	6.12	
							SDEAD		2.30g grass
							STCO	1.24	
							SPCO	1.32	
							SPCR	3.82	
							VUOC	0.09	
							OPPO	1.13	
							LEDE	0.05	trace
80205	7	UG		49	32	UTIL	LITT		+ 1.38g grass
							STCO	9.14	
							BOGR	0.68	
							PLPA	0.52	
80205	7	UG		39	43	UTIL	CRME	5.64	
							LITT		0.33g grass
							BOGR	2.19	
							VUOC	0.37	
							CHLE	0.67	
							SPCR	0.46	
							CAHE	0.27	
80305	7	UG		13	27	UTIL	BOGR	7.28	
							SDEAD		0.96g grass
							CAHE	2.19	
							VUOC	0.57	
							SPCR	1.07	
							SPCO	0.85	
							SIHY	1.18	
80305	7	UG		13	27	NPP	BOGR	10.38	- plot originally marked as 14,22
							SDEAD		0.69g grass
							VUOC	2.87	
							PLPA	0.61	small bags were not changed
							CAHE	0.81	
							SPCO	0.48	
							SIHY	0.53	
							SPCR	2.44	
80205	7	UU		2	22	NPP	BOGR	2.43	LITT → 0.46g grass
							UNFB	1.24	Unknown Fort
							SAIB	0.85	ID as
							CAHE	0.28	HEPE
							SPCO	0.94	
80205	7	UU		2	96	NPP	STCO	18.77	SDEAD - 1.73g grass
						NPP	BOGR	5.29	
						NPP	SIAB	3.94	
80205	7	UU		27	3		BOGR	4.26	
							SPCO	2.03	
							CAHE	0.19	
						*	LITT		→ 0.66g grass

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80265	7	UU		5	65	NPP	BOGR	5.83	S DEAD - 0.84g grass
							SPCO	1.31	
							PLPA	0.59	
							CAHE	0.57	
80205	7	UU		39	33	NPP	BOGR	4.48	S DEAD - 0.57g grass
							SPCO	4.24	0.03g forb
							OPPO	2.39	
							ARLO	1.25	
							CAHE	6.73	
							AGSM	1.48	
80205	7	UU		15	66	NPP	BOGR	11.27	S DEAD - 2.56g grass
							VUOC	0.15	
							MILT	0.11	
80205	7	UU		40	40	NPP	AGSM	3.69	S DEAD - 0.70g grass
							CAHE	3.75	
							SPCO	3.66	
							BOGR	3.22	
80105	7	UU		4	21	NPP	LITT		0.33g grass
							STCO	10.55	
							VUOC	0.41	
							CAHE	0.76	
							SPCO	7.105	
							BOGR	1.19	
80205	7	UU		2	17	NPP	BUDA	4.55	
							BOGR	0.50	
							S DEAD		1.02g grass 0.02g shrub
							MILT	0.56	
							CAHE	4.95	
							GIUSA	2.40	
							LEDE	0.02	
							SPCO	0.03	
80205	7	UU		5	15	NPP	STCO	18.05	
							LITT		1.19g grass
							BOGR	0.73	
80305	7	UG		1	29	UTIL	CAHE	6.34	*bags all marked
	poss						S DEAD		0.55g grass as site
	19						VUOC	0.09	19
							SPCR	0.73	
							BOGR	5.66	
80305	7	UG		47	45	NPP	S DEAD		1.17g grass, 0.04g forb
							STCO	10.08	
							SPCO	3.58	
							SPCR	0.94	
							CRME	2.07	
							AGSM	2.18	
							SIHY	2.32	
							BOGR	8.19	

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Trace Amount = 0.05

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(8)

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80305	7	UG		16	13	NPP	S DEAD		0.57g grass
							BOGR	7.15	
							CRME	16.85	
							CAHE	0.44	
							SIAB	0.10	
							ASGX	0.12	
							VUOC	0.99	
							SPCR	3.15	
							STCO	2.35	
80305	7	UG		47	45	UTIL	BOGR	8.71	
							CRME	3.44	
							PLPA	1.34	
							SPCR	1.37	
							SDEAD		0.55g grass
							SPCO	1.18	
80305	7	UG		38	9	UTIL	CRME	14.12	
							BOGR	3.39	
							VUOC	1.49	
							LITT		0.50g grass, 0.18g forb
80205	7	UG		49	32	NPP	BOGR	14.58	
							SDEAD		3.13g grass
							SPCR	0.66	
							STCO	0.96	
							SPCO	0.48	
							VUOC	0.29	
80305	7	UG		38	9	NPP	BOGR	10.52	
							LITT		0.25g grass
							CRME	2.22	
							SPCR	1.58	
							CAHE	1.12	
							VUOC	2.22	
							SIH4	0.10	
80305	7	GG		31	47	UTIL	BOGR	15.41	
							SDEAD		0.46g grass
							VUOC	0.03	
							SIAB	0.05	trace
							GUSA	0.77	
							SPCO	0.74	
							CRME	1.21	
80305	7	GG		41	47	NPP	BOGR	9.58	
							SIAB	8.58	
							CAHE	2.68	
							VUOC	0.06	
							SDLO	1.83	
							CRME	11.34	
							OPPD		
80305	7	GG		31	47	NPP	SIAB	41.93	
							SDEAD	0.02g forb	0.65g grass

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
							BOGR	9.30	
							CAHE	4.57	
							SPCO	.96	
							AGSM	1.54	
80305	7	GG		41	47	U+U	BOGR	11.76	
							VUOC	0.07	
							SPCR	0.11	
							SPCO	1.19	
80205	7	GU		15	27	NPP	SPCO	1.68	
							ARLO	0.45	
							SPCR	1.21	
							SDEAD		0.14g grass
							VUOC	2.84	
							BOGR	5.03	
							STCO	6.07	
80205	7	GU		26	19	NPP	SDEAD		0.29g grass
							ARFR	15.24	
							BOGR	2.47	
							SPCO	4.70	
							VUOC	0.43	
							CRME	2.09	
							SPCR	3.24	
							STCO	2.22	
80205	7	GU		14	16	NPP	SDEAD		0.10g grass 0.16g forb
							BOGR	14.84	
							SPCO	4.52	
							CHLE	0.94	
							VUOC	1.28	
80205	7	GU		35	17	NPP	SDEAD		0.49g grass, 0.06g forb
							VUOC	1.94	
							GRAC	0.94	
							SPCR	1.14	
							ARLO	0.43	
							SPCO	1.49	
							BOGR	6.50	
80205	7	GU		3	26	NPP	ARFR	23.15	
							SDEAD		0.36g grass
							VUOC	0.46	
							ARLO	1.05	
							OPPO	0.62	
							SPCO	1.13	
							BOGR	6.08	
80205	7	GU		42	14	NPP	STCO	6.35	
							SDEAD		0.31g grass
							VUOC	0.08	
							SPCR	1.67	
							MATA	0.54	

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litter samples contain gray
green

yellow (stdg. dead?)
Did they include stdg. dead with litter?

When did stdg. dead get separated from litter
and/or from NPP samples?

How was "stdg. dead" treated thru out the sampling?
Are measured...?

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
72805	5A	UU		67	55	UTIL	BOGR	7.86	
							CAHE	1.40	
							CHAL	0.16	
							SPCO	2.62	
							LITT	—	0.25g grass, 0.01g forb
72805	5A	UU		70	67	UTIL	BOGR	8.45	
							LITT	—	0.16g grass
							CHLE	0.05	
							MATA	0.62	
							CAHE	1.12	
							SPCO	5.11	
72805	5A	UU		67	55	NPP	BOGR	15.63	
							CAHE	1.19	
							SAIB	1.16	
							CHAL	3.61	
							LITT	—	0.17g grass
72805	5A	UU		26	7	UTIL	BOGR	2.84	
							LITT	—	0.28g forb, 0.04g grass
							CAHE	4.28	
							CHAL	3.24	
							SPCO	1.32	
72805	5A	UU		16	11	NPP	BOGR	9.07	
							SPCO	2.11	
							LITT	—	0.30g grass, 0.13g forb
							ASOX	0.08	
							CAHE	2.68	
72805	5A	UU		26	7	NPP	BOGR	9.12	
							CHAL	0.23	
							LITT	—	0.19g grass
							SPCO	9.33	
							CAHE	6.11	
72805	5A	UU		16	11	UTIL	BOGR	6.56	
							ASOX	8.07	
							CAHE	0.25	
							CHAL	0.05	
							LITT	—	0.08g grass, 0.07g forb
							SPCO	7.98	
72805	5a	UU		1	7	NPP	SDEAD	—	2.18g grass + 0.43g shrub
							SIHY	24.06	
							ATCA	1.67	
							SPCO	1.71	
							CHAL	0.12	
							ASOX	0.30	
							MILI	1.92	
							BOGR	5.90	

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
72805	5A	UU		33	18	NPP	BOGR	15.10	
							SDEAD	—	0.53g grass
							CHAL	0.39	
							MILI	0.08	
							SPCO	9.65	
72705	5a	UU		12	20	NPP	SDEAD	—	0.20g grass
							BOGR	8.65	
							AGSM	5.44	
							SPCO	4.84	
72805	5A	UU		57	1	NPP	BOGR	11.46	
							CAHE	0.22	
							OPPO	—	set aside
							SDEAD	—	0.59g grass
							SPCO	0.42	
							CHLE	0.08	
							AGSM	4.03	
72805	5A	UU		46	9	NPP	BOGR	16.79	
							AGSM	0.46	
							CHLE	0.09	
							SDEAD	—	0.66g grass
72805	5A	UU		51	10	NPP	BOGR	15.20	
							AGSM	1.17	
							SPCO	1.23	
							ARTR	7.36	
							SDEAD	—	0.90g grass, 0.32g forb
72705	5A	UU		35	3	NPP	BOGR	12.45	
							AGSM	7.84	
							CAHE	2.18	
							S.declad	—	1.87g grass
							SPCO	0.32	
72705	5a	UU		34	22	NPP	CHAL	10.51	
							SDEAD	—	0.06g grass
							SPCO	4.19	
							AGSM	1.25	
							BOGR	7.39	
72705	5a	UU		34	10	NPP	BOGR	15.32	
							SDEAD	—	0.97g grass
							AGSM	8.58	
							SPCO	0.24	
							CHLE	0.22	
72705	5a	UU		32	21	NPP	BOGR	16.68	
							AGSM	0.58	
							ATCA	1.04	
							CHLE	6.77	
							CAHE	0.69	
							SDEAD	—	0.24g grass
							SPCO	0.72	

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
72805	5A	RU		18	18	NPP	BOGR	7.92	
							AGSM	3.26	
							SPCO	3.45	
							CAHE	0.23	
							S.dead	—	0.54g grass
72805	5A	RU		1	16	NPP	BOGR	8.54	
							SPCO	8.99	
							S.dead	—	0.09g grass 0.06g forb
							CAHE	7.12	
72805	5A	RU		2	22	NPP	SIHY	7.77	
							SPCO	5.75	
							AGSM	3.38	
							BOGR	2.51	
							S.DEAD	—	0.39g grass
							CAHE	6.60	
72805	5A	RU		29	5	NPP	SIHY	24.90	
							BOGR	7.72	
							SPCO	2.77	
							S.dead	—	1.56g grass, 0.25g forb
							CAHE	2.18	
							ASOX	0.37	
72705	5A	RU		25	16	NPP	BOGR	13.22	
							S.dead	—	0.27g grass 1.13g shrub
							CAHE	3.26	
							SPCO	0.26	
							ARFR	13.65	
72805	5A	RU		25	27	NPP	BOGR	8.66	
							S.dead	—	0.03g forb 0.30g grass
							SPCO	3.63	
							CAHE	3.92	
							ASOX	0.45	
72805	5A	RU		27	14	NPP	BOGR	10.27	
							CAHE	2.33	
							SPCO	5.17	
							ASOX	0.18	
							S.dead	—	0.29g grass
72705	5A	GG		5	2	UTIL	BOGR	6.05	
							CHUE+CHAL	0.04	
							CAHE	3.83	
							SPCO	1.11	
							AGSM	9.29	
72705	5A	GG		12	23	UTIL	BOGR	12.35	
							CHAL	0.04	
							SPCO	5.27	
							CAHE	2.94	

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
7/27/05	5a	GG		12	23	NPP	BOGR	21.73	
							CHAL	0.46	
							CAHE	2.94	
							SPCO	2.16	
7/27/05	5A	GG		5	2	NPP	BOGR	17.97	
							CHAL	0.12	
							SPCO	4.95	
							CAHE	8.08	
							AGSM	4.79	
7/27/05	5a	GU		5	65	NPP	LITT	—	0.54 g grass
							AGSM	15.93	
							SPCO	0.73	
							BOGR	5.96	
7/27/05	5A	GU		49	39	NPP	BOGR	11.51	
							LITT	—	0.27 g grass
							ASOX	1.03	
							SPCO	3.62	
7/27/05	5a	GU		59	3	NPP	BOGR	18.54	
							LITT	—	0.06g grass, 0.04g forb
							SPCO	2.97	
5/28/05	5A	GU		54	46	NPP	BOGR	12.42	
							LITT	—	0.13 g grass, 0.15g forb
							SPCO	3.32	
							CHAL	0.03	
7/28/05	5a	GU		37	47	NPP	BOGR	14.96	
							SPCO	1.55	
							LITT	—	0.51g grass
							SIHY	0.13	
							CHAL	0.42	
							APDR	33.92	
7/28/05	5a	GU		2	96	NPP	SIHY	3.97	
							CHAL	8.14	
							ASOX	0.30	
							BOGR	2.22	
							AGSM	3.34	
							SPCO	2.21	
							LITT	—	0.69g grass
7/28/05	5A	GU		26	15	NPP	BOGR	11.07	CELA 12.90
							AGSM	1.15	*ARTIF set aside
							SPCO	6.00	
							LITT	—	0.14g grass, 1.01g forb
							CHAL	0.19	
7/28/05	5A	GU		15	10	NPP	LITT	—	0.39g grass
							CAHE	4.94	
							BOGR	7.85	
							SPCO	2.87	
							CHAL	0.29	
							AGSM	10.08	

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
7/28/05	5a	GU		60	22	NPP	BOGR	15.24	
							LITT	—	0.04g grass
							SPCO	7.89	
							CHLE	0.54	
							CHAL	2.71	
7/28/05	5a	GU		19	23	NPP	BOGR	14.22	
							LITT	—	0.22g grass
							CHLE	0.52	
						CELA	ARTR	8.98	
							SPCO	4.70	
7/28/05	5a	GG		56	28	UTIL	BOGR	10.49	
							CAHE	1.70	
							CHAL	1.42	
							SPCO	1.53	
7/28/05	5A	GG		70	67	NPP	BOGR	20.72	
							CAHE	0.81	
							CHLE	0.08	
							SPCO	2.37	
7/28/05	5A	GG		28	47	UTIL	BOGR	9.55	
							CHAL	7.41	
							CAHE	0.57	
							SIHY	0.67	
							SPCO	1.89	
7/28/05	5A	GG		56	28	NPP	CHAL	22.40	
							CAHE	1.25	
							BOGR	17.15	
							LARE	3.56	
							SPCO	0.58	
							SIHY	1.01	
7/28/05	5A	GG		35	34	NPP	CAHE	9.94	
							BOGR	13.94	
							CHAL	5.09	
							SPCO	4.30	
							SIHY	0.75	
7/28/05	5A	GG		8	66	NPP	SPCO	16.05	
							LARE	2.46	
							CAHE	1.91	
7/28/05	5a	GG		28	47	NPP	BOGR	22.09	
							SPCO	5.13	
							CAHE	2.98	
							CHAL	5.68	
							CHLE	0.05	
7/28/05	5a	GG		8	66	UTIL	SPCO	15.90	
							LARE	1.00	
7/28/05	5a	GG		35	34	UTIL	CHAL	0.51	4 OPPO CLADS
							CAHE	1.93	
							BOGR	14.31	

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
7/27/05	5A	RU		5	3	NPP	BOGR	13.41	
							CAHE	7.73	
							ASOX	0.78	
							S.dead	—	0.10g grass
							SPCO	0.86	
7/27/05	5A	RU		12	10	NPP	BOGR	13.56	
							S.dead	—	0.03g grass
							OPPO	—	set aside
							CAHE	3.82	
							SPCO	1.02	
7/27/05	5A	RU		18	9	NPP	BOGR	16.54	
							CAHE	0.89	
							SPCO	1.61	
							OPPO	—	set aside
							S.dead	—	0.75g grass
7/28/05	5A	UG		18	8	UTIL	BOGR	11.90	
							AGSM	0.52	
							S.dead	—	0.05g grass
							CAHE	0.78	
7/28/05	5A	UG		19	24	UTIL	BOGR	6.92	
							S.dead	—	0.21g grass 0.07g forb
							CRME	1.64	
							CAHE	0.45	
							SPCO	3.31	
							ASOX	0.13	
7/28/05	5A	UG		19	24	NPP	BOGR	18.11	
							ASOX	0.85	
							CHAL	1.40	
							CRME	0.59	
							MILI	0.19	
							CAHE	2.87	
							SPCO	4.93	
							S.dead	—	0.23g grass
7/28/05	5A	UG		18	8	NPP	BOGR	11.12	
							ASOX	1.42	
							SPCO	5.93	
							CHLE	0.01	
							SDEAD	—	0.10g grass 2.49g forb
							CAHE	1.19	
							CHAL	0.15	
7/28/05	5A	UG		3	9	UTIL	BOGR	11.20	
							SPCO	2.67	
							CHAL	0.17	
							CAHE	1.13	
							CHLE	0.04	
							SDEAD	—	0.33g forb 0.03g grass

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
72805	5A	UG		11	13	NPP	BOGR	15.29	
							CAHE	0.16	
							CHLE	0.26	
							SDEAD	—	0.09g grass 0.08g forb
							CHAL	1.07	
							AGSM	2.03	
72805	5a	UG		3	9	NPP	BOGR	13.16	
							SDEAD	—	0.08g grass
							SPCO	1.24	
							ARTR	4.33	
							CAHE	0.05	
							CHAL	0.10	
72805	5A	UG		11	13	UTIL	BOGR	11.83	
							SDEAD	—	0.14g grass
							CHAL	0.46	
							ARTR	2.40	
							CAHE	0.05	
							CHLE	0.83	
							SPCO	2.84	
72805	5a	UG		12	26	UTIL	SDEAD	—	0.14g grass
							CAHE	2.48	
							SPCO	1.18	
							CHAL	0.27	
							AGSM	1.71	
							MILI	0.28	
							BOGR	7.00	
72865	5A	UG		37	28	NPP	CHAL	15.19	
							SPCO	0.51	
							SDEAD	—	0.14g grass
							CAHE	3.43	
							BOGR	16.10	
72805	5A	UG		12	26	NPP	AGSM	7.84	
							BOGR	8.69	
							CAHE	1.16	
							MILI	0.11	
							CHAL	1.14	
							SPCO	0.60	
							SDEAD	—	0.09g grass
72865	5A	UG		37	28	UTIL	BOGR	12.73	
							ARTR	0.65	
							LITT	—	0.78g grass, 2.27g forb
							SPCO	1.59	
							CHAL	0.22	
							CAHE	0.49	

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
7/28/05	5A	UG		33	4	UTIL	BOGR	8.00	
							SPCO	1.08	
							CHAL	5.60	
							CHLE	0.59	
							SDEAD	—	0.02g shrub 0.19g grass
7/28/05	5A	UG		27	14	UTIL	CHAL	15.11	
							CAHE	0.08	
							ASOX	0.59	
							CRME	0.61	
							S-dead	—	0.28g grass
							BOGR	8.08	
							SPCO	3.08	
7/28/05	5A	UG		27	14	NPP	BOGR	11.07	
							SDEAD	—	0.29g grass
							CHAL	3.35	
							SPCO	2.05	
							AGSM	0.92	
							CAHE	0.61	
7/28/05	5A	UG		22	15	NPP	BOGR	19.24	
							CRME	1.36	
							SPCO	0.19	
							AGSM	2.18	
							CHLE	1.50	
							S-dead	—	0.57g grass
							CHAL	6.44	
							CAHE	2.02	
							ASOX	0.29	
7/28/05	5A	UG		40	7	NPP	AGSM	8.45	
							BOGR	14.28	
							CAHE	0.05	
							CHLE	0.14	
							SDEAD	—	0.11g grass
7/28/05	5A	UG		40	7	UTIL	CHLE	7.25	
							S-dead	—	0.12g grass
							SIHY	0.30	
							BOGR	14.15	
							AGSM	4.84	
							CHAL	2.17	
7/28/05	5A	UG		33	4	NPP	BOGR	12.30	
							CHAL	0.63	
							CHLE	0.41	
							AGSM	2.69	
							SPCO	0.16	
							S-dead	—	0.26g grass

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80405	11	UG		50	31	UTIL	BUDA	6.73	
							BOGR	1.05	
							AGSM	0.12	
							SDEAD	—	0.32g grass
							CAHE	0.85	
							SPCO	0.88	
							POOL	0.05	trace
80405	11	UG		30	17	NPP	SDEAD	—	1.69g grass
							BOGR	16.20	
							VUOC	0.60	
							BUDA	1.47	
							CAHE	3.57	
							SPCO	2.20	
80405	11	UG		48	27	NPP	LITT	—	0.23g grass
							BOGR	7.56	
							CAHE	1.67	
							VUOC	0.33	
							GACD	3.39	
							SAIB	1.13	
							SPCO	4.28	
							AGSM	5.90	
80405	11	UG		48	27	UTIL	LITT	—	0.17g grass
							BUDA	2.53	
							BOGR	0.82	
							MILI	0.13	
							AGSM	4.30	
							SPCO	0.17	
							CAHE	0.41	
80405	11	UG		41	25	NPP	BOGR	3.14	
							LITT	—	0.83g grass
							SPCO	1.90	
							CAHE	1.34	
							AGSM	2.79	
							BUDA	8.15	
80405	11	UG		30	17	UTIL	BUDA	0.09	
							SPCO	0.78	
							BOGR	2.92	
							CAHE	0.94	
							CHLE	1.04	
							LITT	—	0.07g grass 0.15g forb
80405	11	UG		41	25	UTIL	BUDA	2.88	
							SPCO	0.57	
							AGSM	1.27	
							LITT	—	0.19g grass
							CHAL	1.04	
							BOGR	1.39	

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80405	11	UG		50	31	NPP	AGSM	34.19	
							SPCO	0.76	
							BOGR	10.61	
							OEIL	2.51	
							CAHE	0.32	
							LITT	—	1.07g grass
							VUOC	0.09	
80405	11	UU		34	43	NPP	AGSM	16.00	
							CAHE	11.66	
							BOGR	0.23	
							S.dead	—	2.79g grass
							SPCO	7.05	
							CHLE	0.03	
80405	11	UU		57	40	NPP	ATCA	27.00	→ SHRUB!
							ASDX	1.15	
							6PPA	—	set aside
							AGSM	22.38	
							S.dead	—	0.07g grass
80405	11	UU		32	21	NPP	AGSM	8.53	
							BOGR	2.90	
							CAHE	5.99	
							S.dead	—	1.50g grass 0.02g forb
							SIAB	9.01	
							SPLD	0.99	
80405	11	UU		49	22	NPP	OPPO	—	set aside
							SDEAD	—	0.39g grass
							SAIB	11.66	
							AGSM	0.30	
							BOGR	0.26	
							STCO	11.45	
							MATA	0.44	
							ASDX	1.54	
							SPCO	0.85	
							CAHE	0.51	
							ARFR	0.38	
80405	11	GG		47	7	NPP	BOGR	3.87	
							LEDE	0.05	TRACE
							ARLD	1.32	*GOOD EX. OF ARLD
							CAHE	3.97	
							BUDA	12.06	
80405	11	GG		27	2	NPP	BUDA	6.99	
							CAHE	0.13	
							BOGR	3.62	
80405	11	GG		18	4	NPP	BOGR	15.91	10 oppo clads in plot
							VUOC	0.51	
							SAIB	1.30	
							CAHE	3.13	

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80405	11	GG		18	4	NPP	BUDA	0.84	
							AGSM	0.35	
80405	11	GG		46	11	NPP	BOGR	13.50	
							VUOC	0.61	
							PLPA	0.16	
							LEDE	0.20	
							BUDA	0.50	
							CAHE	1.90	
80405	11	GG		18	4	UTIL	BUDA	6.59	
							CAHE	0.78	
							AGSM	3.40	
							LEDE	0.11	
80405	11	GG		46	11	UTIL	BOGR	4.99	
							VUOC	0.09	
							LITT	—	0.21g grass
							BUDA	2.82	
							CHLE	0.30	
							LEDE	0.05	
							MILI	0.26	
							AGSU	0.31	
							SPCO	0.21	
							OPPO	—	set aside
80405	11	GG		47	7	UTIL	BOGR	8.47	
							SPCO	0.40	
							AGSM	3.36	
							BUDA	3.45	
							CAHE	0.53	
80405	11	GG		27	2	UTIL	BUDA	8.24	
							SPCO	1.35	
							BOGR	0.70	
80405	11	GU		19	22	NPP	AGSM	12.57	
							ASOX	1.90	
							BOGR	0.52	
							S.dead	—	0.82g grass
							CAHE	12.90	
80405	11	GU		2	96	NPP	AGSM	25.52	
							SPCO	0.01	
							S.dead	—	0.12g grass
							BOGR	3.24	
80405	11	GU	4	6	65	NPP	BOGR	3.94	small bags are labeled (62, 3)
		GU					BUDA	3.11	
							CAHE	0.98	
							MILI	0.26	
							ASOX	0.86	
							S.dead	—	0.33g grass

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

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**Only currently grazed treatments will have Util plots.*

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
7/29/05	5B	RU	4	12	10	NPP	BOGR	7.81	
							AGSM	2.50	
							SPCO	4.20	
							LITT		0.72g grass
							VUOC	0.26	
							ARFR	3.73	
7/29/05	5B	RU	9	29	5	NPP	BOGR	7.34	
							ARFR	7.48	
							AGSM	3.64	
							LITT		0.27g grass
7/29/05	5B	RU	10	12	10	NPP	BOGR	9.07	
							LITT		0.01g grass
							CHLE	0.11	
							CAHE	2.20	
7/29/05	5B	RU	8	27	14	NPP	BOGR	10.08	
							THTR	0.69	
							ARFR	0.47	
							LITT		0.30g grass 0.02g forb
							CAHE	0.91	
7/29/05	5B	RU	3	5	3	NPP	BOGR	9.44	
							CAHE	0.63	
							SPCO	1.35	
							SPCR	0.76	
							VUOC	0.09	
							LITT		0.44g grass
							AGSM	1.28	
							PLPA	1.47	
7/29/05	5B	RU	2	2	22	NPP	ARFR	55.26	
							MILI	0.58	
							BOGR	5.55	
							CAHE	1.00	
							VUOC	0.22	
							LITT		0.47g grass, 0.01g forb
							SPCO	0.80	
7/29/05	5B	RU	5	18	9	NPP	BOGR	9.93	
							LITT		0.96g grass 0.41g forb
							MILI	2.28	
							ASOX	3.90	
							PLPA	0.14	
							SPCO	1.40	
							CAHE	0.09	
7/29/05	5B	RU	1	1	16	NPP	LITT		0.79g grass 0.09g forb
							AGSM	5.49	
							SPCO	2.90	
							BOGR	4.62	
							VUOC	0.43	

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
7/29/05	5B	RU	6	18	18	NPP	LITT		0.13g grass
							ARFR	16.30	
							VIOL	0.17	
							BOGR	7.56	
							SPCO	2.60	
							CAHE	0.42	
7/29/05	5b	RU	7	29	27	NPP	AGSM	18.98	
							LITT		2.25g grass
							BOGR	2.15	
8/01/05	5b	GG		70	26	UTIL	BOGR	18.55	
							CHAL	1.13	3 combined
							CHLE		
							SPCO	3.49	
							CAHE	0.43	
8/01/05	5b	GG		70	26	NPP	BOGR	16.36	
							SPCO	2.26	
							CAHE	2.24	
8/01/05	5b	GG		43	44	UTIL	BOGR	9.51	
							CAHE	5.41	
							BUDA	0.81	
							SPCO	7.74	
8/01/05	5B	GG		52	43	UTIL	BOGR	10.69	
							SPCO	6.53	
							PLPA	0.90	
							ARLO	0.89	
							CAHE	0.05	
8/01/05	5B	GG		52	43	NPP	BOGR	12.21	
							CAHE	3.38	
							ARFR	0.15	
							SPCO	2.99	
							BUDA	2.03	
7/29/05	5B	GG		32	38	NPP	BUDA	10.73	
							CAHE	6.73	
							BOGR	1.46	
							SPCO	1.56	
7/29/05	5B	GG		18	54	NPP	LEDE	0.07	
							BOGR	16.58	
							SPCO	1.37	
							CAHE	3.12	
							LEDE	0.02	
7/29/05	5B	GG		21	19	NPP	BOGR	14.19	
							AGSM	2.60	
							CAHE	1.42	
							SPCO	0.76	
							MILI	1.26	
							PIOP	0.35	

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23
48
71

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
7/29/05	5B	GG		15	63	UTIL	BOGR	10.43	
							CHAL	1.00	
							CAHE	5.27	
							AGSM	8.57	
7/29/05	5B	GG		21	19	UTIL	BOGR	7.91	
							MUTO	4.96	
							AGSM	0.49	
							CAHE	1.59	
7/29/05	5B	GG		32	38	UTIL	BOGR	10.58	
							SPCO	0.39	
							AGSM	4.72	
							CAHE	1.23	
							BUDA	3.40	
7/29/05	5B	GG		15	63	NPP	BOGR	12.45	
							LEDE	0.13	
							AGSM	5.57	
							CAHE	1.71	
7/29/05	5B	GG		18	54	UTIL	BUDA	6.169	
							CAHE	1.34	
							ARFR	13.32	
							BOGR	4.83	
7/29/05	5B	GU		62	3	NPP	SDEAD	1.30g	grass 0.06g forb
							CHAL	0.04	
							SPCO	1.18	
							AGSM	0.35	
							BOGR	11.43	
7/29/05	5B	GU		2	96	NPP	SPCO	8.26	
							BOGR	0.64	
							CAHE	0.76	
							MILI	0.17	
							LEDE	1.46	
							ARFR	0.23	
7/29/05	5B	GU		38	69	NPP	BOGR	6.23	
							CAHE	0.08	
							SDEAD		1.95g grass 0.01g forb
							ARFR	3.78	
							ASOX	1.31	
							BUDA	0.14	
							SPCO	0.77	
7/29/05	5B	GU		70	27	NPP	AGSM	8.81	
							ARFR	1.33	
							SPCO	0.08	
							SDEAD		1.53g grass
							BOGR	9.09	
							CAHE	0.71	

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

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1.68
4.23
5.91

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
72905	5B	GU		5	65	NPP	BOGR	6.03	
							CHAL	0.81	
							SDEAD		0.58g grass
							SPCO	2.37	
							CHLE	0.76	
72905	5B	GU		50	48	NPP	BOGR	7.75	
							SDEAD		0.81g grass
							CAHE	0.83	
							EREF	1.48	
							AGSM	4.40	
72905	5B	GU		86	22	NPP	BOGR	6.33	
							SPCO	0.37	
							S.dead		0.62g grass
							GUSU	5.04	
							AGSM	3.18	
							CAHE	2.02	
72905	5B	GU		17	17	NPP	BOGR	9.29	
							S.dead		0.81g grass
							SPCO	0.38	
							ARIO	3.72	
							AGSM	2.11	
72905	5B	GU		40	51	NPP	BOGR	10.61	
							SDEAD		0.71g grass
							CAHE	3.33	
							LEDE	0.41	
							ASOX	0.15	
							SPCO	0.57	
							EREF	2.89	
72905	5B	GU		100	36	NPP	SDEAD		1.26g grass
							BOGR	11.43	
							AGSM	3.83	
							SPCO	0.34	
80105	5B	UG		11	26	UTIL	ARFR	10.61	
							CAHE	0.52	
							SPCO	1.32	
							BOGR	7.09	
80105	5B	UG		32	53	NPP	BOGR	16.51	
							SAIB	11.16	
							CHAL	0.86	
							CAHE	0.33	
80105	5B	UG		11	26	NPP	LITF		2.69g grass
							AGSM	11.42	
							BOGR	3.00	
							CAHE	0.51	
							CHAL	2.41	
80105	5B	UG		32	53	UTIL	BOGR	15.69	
							CHAL	3.90	
							CAHE	2.11	

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

13
48
61

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80105	5b	UG		1	42	NPP	SDEAD		0.47g grass
							BOGR	11.34	
							SPCO	2.51	
							AGSM	1.22	
							CHAL	0.16	
80105	5b	UG		1	42	UTIL	SDEAD		0.47g grass
							CAHE	3.42	
							BOGR	6.43	
							CHAL	9.88	
							SPCO	2.11	
							AGSM	0.60	
80105	5B	UG		37	59	NPP	BOGR	10.65	
							CAHE	3.81	
							BUDA	0.13	
							SPCO	0.37	
							SDEAD		0.56g grass
80105	5B	UG		37	59	UTIL	BOGR	8.41	
							BUDA	2.24	
							SDEAD		1.16g grass
							CAHE	4.09	
72905	5B	UG		69	8	UTIL	CAHE	4.56	
							LENE	0.08	
							BOGR	5.51	
							SDEAD		0.03g grass
							BUDA	0.72	
							SPCO	0.68	
72905	5B	UG		69	8	NPP	AGSM	17.09	
							CAHE	4.11	
							BOGR	7.57	
							SDEAD		0.99g grass
72905	5b	UG		19	47	NPP	BOGR	11.65	SDEAD-0.33g grass
							CAHE	2.13	
72905	5b	UG		19	47	UTIL	CHAL	17.52	
							S. dead		0.10g grass
							CAHE	1.04	
							BOGR	5.56	
72905	5b	GG		43	44	NPP	SDEAD		0.30g grass
							OPPO		Set aside
							BOGR	8.03	
							ARIO	0.58	
							SPCO	0.59	
							BUDA	0.55	
							CAHE	0.11	
72905	5b	GG		1	15	NPP	SDEAD		0.40g grass
							BOGR	4.77	
							CAHE	0.69	
							MUTO	1.11	
							AGSM	2.49	

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
							LEDE	0.07	
							SPCO	1.05	
							ASOX	0.42	
72905	5B	GG		1	15	UTIL	BOGR	6.63	
							S-dead		0.17g grass
							CHAL	4.65	
							CAHE	0.23	
							VUOL	0.06	
72905	5B	GG		65	28	NPP	BOGR	16.43	
							CAHE	0.51	
							BUDA	0.76	
							SPCO	0.68	
							SAIB	2.27	
							CHAL	1.60	
72905	5B	GG		10	3	UTIL	BOGR	9.04	
							CAHE	5.27	
							SPCO	3.85	
							PLOP	0.38	
72905	5B	GG		10	3	NPP	ARFR	18.88	
							AGSM	9.23	
							ARLO	6.34	
							MUTO	1.22	
							BOGR	6.80	
							CAHE	1.06	
72905	5B	GG		65	28	UTIL	BOGR	10.76	
							PLOP	2.13	
							CAHE	6.44	
							CHAL	0.52	
							SPCO	0.77	
80105	5B	UG		21	15	UTIL	BOGR	2.69	
							AGSM	3.20	
							CAHE	1.40	
80105	5B	UG		28	51	UTIL	LITE		0.65g grass
80105	5B	UG		28	51	UTIL	CAHE	6.75	
							CHAL	1.46	
							BOGR	7.70	
							SPCO	0.67	
							BUDA	0.58	
							VUOL	0.09	
							S-dead		0.39 g grass
80105	5B	UG		7	54	UTIL	CAHE	3.22	
							S-dead		0.29 g grass
							BOGR	7.71	
							LEDE	0.03	
							SPCO	0.38	

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

13
43
56

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80105	5B	UG		21	15	NPP	BOGR	4.68	
							AGSM	2.87	
							SPCO	0.23	
							LITT		0.37g grass
							CAHE	1.56	
80105	5B	UG		7	54	NPP	CAHE	4.89	
							S.dead		0.79g grass 0.03g for
							BOGR	5.84	
							SPCO	1.09	
							CHAL	4.99	
							BUDA	0.76	
80105	5B	UG		53	38	NPP	AGSM	8.54	
							CAHE	0.57	
							BOGR	9.65	
							S.dead		3.42g grass
80105	5B	UG		28	51	NPP	BOGR	10.60	
							SPCO	0.81	
							S.dead		0.18g grass
							CAHE	2.71	
80105	5B	UG		53	38	UTIL	BOGR	7.21	
							CAHE	1.20	
							SPCO	2.52	
							S.dead		0.33g grass
							CHAL	0.14	
							CHLE	0.02	
72905	5b	UU		82	40	NPP	SDEAD	—	1.00g grass - originally labeled 5A
							BOGR	16.54	
							AGSM	4.93	
							CAHE	2.08	
							ARFR	0.07	
							SPCO	0.12	
72905	5b	UU		80	22	NPP	SDEAD	—	1.04g grass
							EREF	3.91	
							AGSM	6.73	
							BUDA	1.31	labeled in field as BUDA
							BOGR	7.59	
72905	5b	UU		32	21	NPP	SDEAD	—	0.29g grass set aside
							OPPO	—	
							BOGR	4.74	
							ARLD	2.63	ARLD?
							SPCO	0.72	
							CAHE	1.84	
							AGSM	4.13	
72905	5b	UU		41	46	NPP	AGSM	8.09	
							CHLE	0.54	
							S.dead	—	0.13g grass
							BOGR	6.37	

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Sites are: 5A, 5B, 7, 11, 19 & 24
 Trace Amount = 0.05
 ID as BOGR and added to for N analysis
 However, likely sample is ARLD.

*Only currently grazed treatments will have Util plots.

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
							CAHE	1.93	
							ASOX	0.08	
							SPCO	0.34	
72905	5b	UU		34	39	NPP	BOGR	7.52	
							CAHE	4.08	
							EREF	1.20	
							LEDE	0.51	
							S. dead	—	0.27g grass
							SPCO	0.31	
							OPPO	—	set aside
72905	5b	UU		24	38	NPP	ATCA	15.43	
							ARFR	1.64	
						SAIB	STAR	0.18	
							S. dead	—	0.83g grass
							CAHE	2.69	
							AGSM	14.71	
							BOGR	1.54	
72905	5b	UU		11	66	NPP	YUCC	10.45	-YUGL
							S. dead	—	0.21g grass
							BOGR	1.35	
							ARLO	0.80	
							AGSM	5.64	
							BUDA	1.67	
							SPCO	0.29	
							CAHE	2.07	
72905	5b	UU		12	27	NPP	BOGR	22.62	
							OPPO	—	set aside
							AGSM	0.87	
							S. dead	—	0.21g grass
							CAHE	1.10	
72905	5b	UU		34	43	NPP	BOGR	9.21	
							CAHE	0.07	
							S. dead	—	0.45g grass
							ARFR	0.37	
							CHLE	1.43	
							AGSM	3.28	
72905	5b	UU		2	56	NPP	AGSM	4.48	
							S. dead	—	0.15g grass
							SPCO	4.24	
							CAHE	0.33	
							BOGR	6.47	

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Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
72705	24	UU		73	15	NPP	BOGR	12.73	
							SDEAD		0.06g grass
							CAHE	2.50	
							SPCO	7.85	
							OPPO	4.09	
							AGSM	0.07	
							VUOC	0.09	
72705	24	UU		77	22	NPP	AGSM	12.43	
							SDEAD		0.07g grass
							GACO	0.30	
							BUDA	0.06	
							BOGR	3.38	
							SPCO	0.99	
							CAHE	3.72	
							ARFR	1.51	
							VUOC	0.08	
72705	24	UG		8	40	NPP	AGSM	8.82	
							SDEAD	0.24g	grass, 0.17g forb
							BOGR	15.29	
							BUDA	1.97	
							VUOC	0.27	
							SIHY	0.11	
							CAHE	8.59	
72705	24	UU		29	16	NPP	SDEAD		0.08g grass
							BOGR	7.34	
							AGSM	3.97	
							OPPO	2.79	
							CAHE	3.50	
							SPCO	1.87	
							VUOC	0.41	
							BUDA	3.55	
72705	24	UU		55	27	NPP	SDEAD		0.21g grass
							SIAB	8.39	
							AGSM	8.27	
							CHAL	7.89	
							PLPA	0.32	
							BUDA	0.23	
							MILI	0.73	
							SPCO	2.94	
							CAHE	1.33	
							BOGR	5.11	
72705	24	GG		19	9	NPP	SDEAD		Rabbit pellets in plot
							BOGR	14.82	0.12g forb
							SIAB	0.73	
							SPCO	1.75	
							ARFR	0.03	
							BUDA	0.27	

GG = Previously Grazed/Currently Grazed
 GU = Previously Grazed/Currently Ungrazed
 UG = Previously Ungrazed/Currently Grazed
 UU = Previously Ungrazed/Currently Ungrazed
 RU = Rodent Ungrazed

Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
							CAHE	0.28	
							VUOC	2.54	
							ARLO	1.02	
72705	24	GG		34	12	UTIL	SDEAD		0.69g grass 0.02g for b
							BOGR	17.87	
							SPCO	3.68	
							VUOC	1.06	
							CAHE	1.54	
72705	24	GG		49	60	UTIL	SDEAD		0.03g grass
							BOGR	3.44	
							SPCO	0.48	
							CAHE	0.22	
							BUDA	3.06	
72705	24	GG		19	7	UTIL	BOGR	12.62	
							S dead		0.01g grass
							SPCO	5.92	
							CAHE	2.63	
							VUOC	1.61	
72705	24	GG		34	12	NPP	ARFR	12.71	
							S dead		0.43g grass
							SAIB	0.10	
							VUOC	0.90	
							CAHE	2.82	
							EREF	4.20	
							BUDA	4.32	
							ARLO	0.69	
							BOGR	9.86	
							SPCO	2.54	
							SIHY	3.75	
72705	24	GG		16	18	NPP	VUOC	16.21	
							S dead		0.05g grass, 0.11g for b
							BUDA	1.64	
							SIHY	4.00	
							SPCO	4.96	
							CAHE	3.72	
							BOGR	6.70	
							CHLE & CRHE	0.18	
72705	24	GG		16	18	UTIL	BOGR	10.29	
							S. dead		0.23g grass
							VUOC	1.52	
							CAHE	0.09	
							SPCO	10.15	
72705	24	GG		49	60	NPP	ARFR	4.11	
							S dead		see table
							GUSA	6.38	
							BOGR	7.11	
							DISP + AGSH	1.47	

GG = Previously Grazed/Currently Grazed
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 UG = Previously Ungrazed/Currently Grazed
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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
							ARLO	0.85	
							BUDA	1.24	
							CAHE	2.15	
							PCO	1.31	
72705	24	GU		61	68	NPP	BOGR	12.39	
							VUOC	2.11	
							CHAL	0.11	
							CRME	1.62	
							SPCO	3.24	
							RUDA	0.16	
							LITT		0.08g grass
							ARLO	0.30	
72705	24	GU		99	48	NPP	AGSM	26.72	
							LITT		0.24g grass 0.06g forb
							SAJB	.13	
							BOGR	1.28	
							ARLO	.17	
							PLPA	0.05	
							CRME	2.05	
							BUDA	2.31	
72705	24	GU		45	90	NPP	BOGR	2.38	14 OPPD CLADS
							GUJA	0.06	
							RUDA	3.32	
							SPCO	0.21	
							LITT	0.02g	forb 0.16g grass
72705	24	GU		2	31	NPP	LITT		0.31g grass 0.03g forb 8 OPPD CLADS
							BOGR	16.73	
							SPCR	0.61	
							SIHY	0.36	
							PLPA	3.93	
72705	24	UG		28	18	NPP	LITT		0.10g grass
							BOGR	6.24	
							CRME	0.42	
							CAHE	1.46	
							BUDA	1.59	
							AGSM	0.92	
							SPCO	1.39	
							EREF	6.13	
72705	24	UG		22	33	NPP	SDEAD		1.60g grass
							AGSM	47.85	
							CAHE	2.69	
							BOGR	0.27	
							SPCR	2.94	
72705	24	UG		11	30	UTIL	SDEAD		0.18g grass
							BOGR	8.92	
							SPCO	0.90	
							AGSM	1.10	

GG = Previously Grazed/Currently Grazed
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 UU = Previously Ungrazed/Currently Ungrazed
 RU = Rodent Ungrazed

Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80305	19	UU		2	3	NPP	STCO	13.07	
							LITT		0.60g grass
							SPCO	2.87	
							SAIB	5.40	
80305	19	UU		24	73	NPP	STCO	16.91	
							LITT		1.16g grass 0.02g forb
							BOGR	5.29	
							CAHE	0.39	
80105	19	UU		7	38	NPP	SAIB	58.11	
							LITT		0.05g grass
							SPCO	1.58	
							STCO	5.00	
80105	19	UU		24	73	NPP	CAHE	4.03	
							LITT		0.61g grass
							CHLE	0.39	
							SAIB	1.76	
							SPCO	3.08	
80305	19	UU		2	31	NPP	STCO	20.52	
							SDEAD		0.21g grass
							SPCO	0.47	
							SPCR	0.30	
							BOGR	0.11	
							SAIB	5.92	
80105	19	GU		45	90	NPP	STCO	14.19	
							SDEAD		0.09g grass
							CHLE	0.12	
							BOGR	3.51	
							SPCO	2.15	
							EREF	13.54	
							CAHE	2.42	
							SPCR	0.100	
80105	19	GU		99	48	NPP	BOGR	11.57	
							SDEAD		0.19g grass
							VUOC	0.17	
							SPCR	1.11	
							AGSM	0.13	
							SIAB	1.07	
							CHLE	1.95	
							SPCO	3.66	
							PLPA	0.25	
80105	19	GU		61	68	NPP	STCO	21.71	
							SDEAD		0.36g grass
							SPCO	0.19	
							SPCR	0.81	
							BOGR	0.60	
							SIAB	2.06	

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
80305	19	GG		8	41	UTIL	MATA	5.15	
							STCO	7.26	
							BOGR	3.57	
							VUOC	1.05	
							CRME	0.46	
							LITT		0.70g grass
							SPCR	1.72	
							PLPA	0.37	
80305	19	GG		2	47	UTIL	MATA	11.24	
							LITT		0.51g grass, 0.07g forb
							SPCO	2.90	
							VUOC	1.64	
							BOGR	2.13	
							CRME	1.38	
80305	19	GG		8	41	NPP	SPCR	7.67	
							SIAB	4.18	
							SDEAD		0.30g grass, 0.98g forb
							OPPO	3.10	
							ATCA	1.82	
							VUOC	0.72	
							MATA	2.72	
							SPCO	4.39	
							BOGR	2.98	
80305	19	GG		2	47	NPP	MATA	17.67	
							SIAB	2.83	
							SDEAD		0.80g grass
							VUOC	0.60	
							SPCO	1.38	
							SPCR	0.26	
							BOGR	6.48	
							CRME	0.38	
							CHLE	0.42	
							OPPO	1.47	
80305	19	GG		11	32	NPP	BOGR	6.17	
							LEDE	0.16	
							SPCR	1.05	
							VUOC	0.04	
							STCO	11.52	
							SPCO	4.02	
							CRME	5.82	
							CHLE	1.84	
							SDEAD		0.57g grass
80305	19A	GG		13	28	NPP	LARE	6.24	
							CRME	1.70	
							MATA	1.57	
							SPCO	0.42	
							BOGR	4.40	

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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

Date	Site	Treatment	Plot	X	Y	Util* or NPP	Species	Weight (Grams)	Notes
							SPCR	1.35	
							STHY	0.08	
80305	19	GG		13	28	UTIL	STCO	9.44	
							BOGR	4.78	
							SPCO	0.93	
							SPCR	3.33	
							LEDE	1.48	
							MATA	0.73	
							CRME	2.29	
80305	19	GG		11	32	UTIL	BOGR	9.22	
							SPCO	1.14	
							CAHE	5.37	
							SAIB	0.26	
							CHAL	0.07	
							STCO	0.74	
							CRME	0.81	
80105	19	UG		1	29	NPP	SDEAD		0.34 g grass
							BOGR	10.73	
							MATA	2.85	
							SPCO	1.47	
							EREF	3.45	
							STCO	0.10	
							VUOC	1.13	
							CAHE	1.21	
80105	19	UG		4	37	NPP	SDEAD		1.79 g grass
							BOGR	10.25	
							SPCO	4.77	
							CHLE	0.90	
							VUOC	2.86	
							STCO	0.53	
							ARLO	0.45	
							CRME	0.34	
80105	19A	UG		19	48	UTIL	STCO	10.00	
							BOGR	4.17	
							CHLE	1.65	
							SPCR	3.40	
							SAIB	2.85	
80105	19	UG		4	37	UTIL	CAHE	4.24	
							STCO	1.93	
							SDEAD		0.39 g grass
							BOGR	3.45	
							EREF	7.97	
							SPCO	0.43	
							LEDE	0.10	
							CRME	1.91	

GG = Previously Grazed/Currently Grazed
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 UU = Previously Ungrazed/Currently Ungrazed
 RU = Rodent Ungrazed

Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

*Only currently grazed treatments will have Util plots.

[illegible]

GG = Previously Grazed/Currently Grazed
GU = Previously Grazed/Currently Ungrazed
UG = Previously Ungrazed/Currently Grazed
UU = Previously Ungrazed/Currently Ungrazed
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Sites are: 5A, 5B, 7, 11, 19 & 24

Trace Amount = 0.05

**Only currently grazed treatments will have Util plots.*

2005 Gztx NPP Site 7 "Standing Dead" and "Litt" Samples
Sorted for live biomass by Mary + Jeff

	1	2	3	4	5	6	7	8	9
1									
2	80305	7	GG	NPP	(37,5)	Cael	0.31		
3						Bogr	0.11		
4						Arlo	0.06		
5						Sper	0.03		
6									
7	80305	7	GG	NPP	(10,25)	Stco	0.19		
8						Bogr	0.28		
9						Vuoc	0.04		
10						Spro	0.02		
11						Arlo	0.16		
12						Pasm	trace amt	(equivalent to ?)	
13									
14	8-0305	7	GG	NPP	(47,39)	Arlo	0.05	(seed heads only)	
15						Sihi	0.10		
16						(green) Cael	0.03		
17						(yellow) Cael	0.31	0.34	
18						(green) Bogr	0.20		
19						(yellow) Bogr	0.28	0.48	
20						(green) Pasm	0.02		
21						(yellow) Pasm	0.06	0.08	
22	80305	7	GG	NPP	(13,1)	needs	to be sorted	by species	
23	80305	7	GG	NPP	(41,47)	BOLR	0.15		
24						(green) BOLR	0.61		
25						CAEL	0.04		
26						(green) CAEL	0.03		
27	80305	7	GG	NPP	(55,54)	CAEL	0.22	note on bag - vuoc?	
28						BOLR	0.10	- bogr?	
29						VUOC	0.01		
30						ARLO	0.03		
31									

	1	2	3	4	5	6	7	8	9
1	80305	7	GG	UTL	(13,1)	ARLO	0.04	didn't need to be sorted	
2						STCO	0.02	seed heads only	
3						BOGR	0.18		
4					(grn)	BOGR	0.04		
5						LITT	0.40		
6	80305	7	GG	NPP	(44,26)	BOGR	0.17		
7					(grn)	BOGR	0.07		
8						ARLO	TRACE	(equiv?)	
9						LITT	0.02		
10	80305	7	GG	NPP	(8,13)	ARLO	0.02		
11						VUOC	0.02		
12						CAEL	0.04		
13						SIHY	0.13	seed heads only	
14						BOGR	0.23		
15						SPLO	0.28		
16						LITT	0.19		
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

Lter Gztx-NPP Biomass Data for 2005, Site 7 GG NPP Only.

TRACE = 0.05

Date	Location	Treatment	Plot	X	Y	UTIL/ NON-UTIL	Species	Weight (g)	Notes
80305	7	GG	1	10	25	NPP	ARLO	2.01	
80305	7	GG	1	10	25	NPP	ARLO	0.16	SDEAD SORTED BY SPECIES
80305	7	GG	1	10	25	NPP	BOGR	8.72	
80305	7	GG	1	10	25	NPP	BOGR	0.28	SDEAD SORTED BY SPECIES
80305	7	GG	1	10	25	NPP	LEDE	0.20	
80305	7	GG	1	10	25	NPP	PASM	TRACE	SDEAD SORTED BY SPECIES
80305	7	GG	1	10	25	NPP	SAIB	0.40	
80305	7	GG	1	10	25	NPP	SPCO	1.49	
80305	7	GG	1	10	25	NPP	SPCO	0.02	SDEAD SORTED BY SPECIES
80305	7	GG	1	10	25	NPP	STCO	2.88	
80305	7	GG	1	10	25	NPP	STCO	0.19	SDEAD SORTED BY SPECIES
80306	7	GG	1	10	25	NPP	VUOC	1.21	
80305	7	GG	1	10	25	NPP	VUOC	0.04	SDEAD SORTED BY SPECIES
80305	7	GG	2	37	5	NPP	ARLO	0.26	
80305	7	GG	2	37	5	NPP	ARLO	0.06	LITT SORTED BY SPECIES
80305	7	GG	2	37	5	NPP	BOGR	6.68	
80305	7	GG	2	37	5	NPP	BOGR	0.11	LITT SORTED BY SPECIES
80305	7	GG	2	37	5	NPP	CAHE	8.39	
80305	7	GG	2	37	5	NPP	CAEL	0.31	LITT SORTED BY SPECIES
80305	7	GG	2	37	5	NPP	SPCR	0.03	LITT SORTED BY SPECIES
80305	7	GG	2	37	5	NPP	SPCR	3.05	TWO BAGS OF SPCR--0.96 + 2.09
80305	7	GG	3	55	54	NPP	ARFR	14.40	
80305	7	GG	3	55	54	NPP	ARLO	0.03	SDEAD SORTED BY SPECIES
80305	7	GG	3	55	54	NPP	BOGR	4.91	
80305	7	GG	3	55	54	NPP	BOGR	0.10	SDEAD SORTED BY SPECIES
80305	7	GG	3	55	54	NPP	CAHE	2.14	
80305	7	GG	3	55	54	NPP	CAEL	0.22	SDEAD SORTED BY SPECIES
80305	7	GG	3	55	54	NPP	CRME	0.71	
80305	7	GG	3	55	54	NPP	EREF	3.78	
80305	7	GG	3	55	54	NPP	SPCR	3.25	
80305	7	GG	3	55	54	NPP	STCO	0.70	
80305	7	GG	3	55	54	NPP	VUOC	1.58	
80305	7	GG	3	55	54	NPP	VUOC	0.01	SDEAD SORTED BY SPECIES
80305	7	GG	4	13	1	NPP	ARLO	1.16	
80305	7	GG	4	13	1	NPP	BOGR	6.29	
80305	7	GG	4	13	1	NPP	LITT	0.37	GRASS/Needs to be sorted by species
80305	7	GG	4	13	1	NPP	SAIB	0.57	because "Util" plot "Litter" was
80305	7	GG	4	13	1	NPP	SPCO	0.08	accidentally sent for sorting
80305	7	GG	4	13	1	NPP	STCO	5.56	last Fall.
80305	7	GG	4	13	1	NPP	VUOC	0.21	
80305	7	GG	5	41	47	NPP	BOGR	7.47	
80305	7	GG	5	41	47	NPP	BOGR	0.15	SDEAD sorted by species
80305	7	GG	5	41	47	NPP	BOGR	0.61	SDEAD sorted by species/green
80305	7	GG	5	41	47	NPP	CAEL	0.04	SDEAD sorted by species
80305	7	GG	5	41	47	NPP	CAEL	0.03	SDEAD sorted by species/green
80305	7	GG	5	41	47	NPP	SIHY	7.01	
80305	7	GG	5	41	47	NPP	SPCR	9.32	
80305	7	GG	5	41	47	NPP	VUOC	0.34	

80305	7	GG	6	8	13	NPP	ARLO	0.44	
80305	7	GG	6	8	13	NPP	ARLO	0.02	LITT sorted by species
80305	7	GG	6	8	13	NPP	BOGR	7.23	
80305	7	GG	6	8	13	NPP	BOGR	0.23	LITT sorted by species
80305	7	GG	6	8	13	NPP	CAEL	0.04	LITT sorted by species
80305	7	GG	6	8	13	NPP	LITT	0.19	LITT sorted by species
80305	7	GG	6	8	13	NPP	SAIB	4.78	
80305	7	GG	6	8	13	NPP	SIHY	0.13	LITT sorted by species/seed heads only
80305	7	GG	6	8	13	NPP	SPCO	2.18	
80305	7	GG	6	8	13	NPP	SPCO	0.28	LITT sorted by species
80305	7	GG	6	8	13	NPP	VUOC	0.98	
80305	7	GG	6	8	13	NPP	VUOC	0.02	LITT sorted by species
80305	7	GG	7	44	26	NPP	ARLO	2.98	
80305	7	GG	7	44	26	NPP	ARLO	TRACE	SDEAD sorted by species
80305	7	GG	7	44	26	NPP	BOGR	12.45	
80305	7	GG	7	44	26	NPP	BOGR	0.17	SDEAD sorted by species
80305	7	GG	7	44	26	NPP	BOGR	0.07	SDEAD sorted by species/green
80305	7	GG	7	44	26	NPP	CIAR	9.27	
80305	7	GG	7	44	26	NPP	LITT	0.02	SDEAD sorted by species
80305	7	GG	7	44	26	NPP	SPCO	0.25	
80305	7	GG	7	44	26	NPP	VUOC	0.46	
80305	7	GG	8	47	39	NPP	AGSM	4.20	
80305	7	GG	8	47	39	NPP	PASM	0.02	SDEAD sorted by species/green
80305	7	GG	8	47	39	NPP	PASM	0.06	SDEAD sorted by species/yellow
80305	7	GG	8	47	39	NPP	ARLO	0.05	SDEAD sorted by species/seed heads only
80305	7	GG	8	47	39	NPP	BOGR	7.23	
80305	7	GG	8	47	39	NPP	BOGR	0.20	SDEAD sorted by species/green
80305	7	GG	8	47	39	NPP	BOGR	0.28	SDEAD sorted by species/yellow
80305	7	GG	8	47	39	NPP	CAHE	4.97	
80305	7	GG	8	47	39	NPP	CAEL	0.03	SDEAD sorted by species/green
80305	7	GG	8	47	39	NPP	CAEL	0.31	SDEAD sorted by species/yellow
80305	7	GG	8	47	39	NPP	SAIB	1.58	
80305	7	GG	8	47	39	NPP	SIHY	0.10	SDEAD sorted by species
80305	7	GG	8	47	39	NPP	SPCO	1.05	
80305	7	GG	8	47	39	NPP	SPCR	0.41	
80305	7	GG	9	28	36	NPP	ARLO	6.54	
80305	7	GG	9	28	36	NPP	CAHE	3.21	
80305	7	GG	9	28	36	NPP	SIHY	4.84	
80305	7	GG	9	28	36	NPP	SPCR	5.75	
80305	7	GG	10	41	47	NPP	BOGR	9.58	Duplicate (x,y) coordinates w/ Plot 5
80305	7	GG	10	41	47	NPP	CAHE	2.68	Duplicate (x,y) coordinates w/ Plot 5
80305	7	GG	10	41	47	NPP	CRME	11.34	Duplicate (x,y) coordinates w/ Plot 5
80305	7	GG	10	41	47	NPP	SAIB	8.58	Duplicate (x,y) coordinates w/ Plot 5
80305	7	GG	10	41	47	NPP	SPCO	1.83	Duplicate (x,y) coordinates w/ Plot 5
80305	7	GG	10	41	47	NPP	VUOC	0.06	Duplicate (x,y) coordinates w/ Plot 5
80305	7	GG	11	31	47	NPP	AGSM	1.58	
80305	7	GG	11	31	47	NPP	BOGR	9.30	
80305	7	GG	11	31	47	NPP	CAHE	4.57	
80305	7	GG	11	31	47	NPP	SAIB	41.93	
80305	7	GG	11	31	47	NPP	SDEAD		0.02 FORB, 0.65 GRASS
80305	7	GG	11	31	47	NPP	SPCO	0.90	

For Plot #10:
(also SDEAD 1.07 GRASS)